

126481\_1001prj.ST25.txt  
SEQUENCE LISTING

<110> Samuel , Stupp I.

<120> CHARGED PEPTIDE-AMPHIPHILE SOLUTIONS & SELF ASSEMBLED PEPTIDE  
NANOFIBER NETWORKS FORMED THEREBY

<130> 126481.1001

<140> not yet assigned

<141> 2003-08-21

<150> 60/406,016

<151> 2002-08-21

<160> 22

<170> PatentIn version 3.2

<210> 1

<211> 7

<212> PRT

<213> Cystine with a 16 carbon alkyl chain attached

<400> 1

Cys Cys Cys Cys Gly Gly Gly  
1 5

<210> 2

<211> 7

<212> PRT

<213> Alanine with a 16 carbon alkyl chain attached

<400> 2

Ala Ala Ala Ala Gly Gly Gly  
1 5

<210> 3

<211> 7

<212> PRT

<213> Serine with a 16 carbon alkyl chain attached

<400> 3

Ser Leu Ser Leu Gly Gly Gly  
1 5

<210> 4

<211> 7

<212> PRT

<213> Cystein with a 16 carbon alkyl chain attached

<400> 4

Cys Cys Cys Cys Gly Gly Gly  
1 5

<210> 5  
 <211> 7  
 <212> PRT  
 <213> Alanine with a 16 carbon alkyl chain attached

<400> 5

Ala Ala Ala Ala Gly Gly Gly  
 1 5

<210> 6  
 <211> 7  
 <212> PRT  
 <213> Serine with a 16 carbon alkyl chain attached

<400> 6

Ser Leu Ser Leu Gly Gly Gly  
 1 5

<210> 7  
 <211> 7  
 <212> PRT  
 <213> Cystein with a 16 carbon alkyl chain attached

<400> 7

Cys Cys Cys Cys Gly Gly Gly  
 1 5

<210> 8  
 <211> 7  
 <212> PRT  
 <213> Alanine with a 16 carbon alkyl chain attached

<400> 8

Ala Ala Ala Ala Gly Gly Gly  
 1 5

<210> 9  
 <211> 7  
 <212> PRT  
 <213> Serine with a 16 carbon alkyl chain attached

<400> 9

Ser Leu Ser Leu Gly Gly Gly  
 1 5

<210> 10  
 <211> 7  
 <212> PRT  
 <213> Cystein with a 16 carbon alkyl chain attached

<400> 10

Cys Cys Cys Cys Gly Gly Gly

1

5

<210> 11  
 <211> 7  
 <212> PRT  
 <213> Alanine with a 16 carbon alkyl chain attached  
 <400> 11

Ala Ala Ala Ala Gly Gly Gly  
 1 5

<210> 12  
 <211> 7  
 <212> PRT  
 <213> Serine with a 16 carbon alkyl chain attached  
 <400> 12

Ser Leu Ser Leu Gly Gly Gly  
 1 5

<210> 13  
 <211> 7  
 <212> PRT  
 <213> Cystein with a 16 carbon alkyl chain attached  
 <400> 13

Cys Cys Cys Cys Gly Gly Gly  
 1 5

<210> 14  
 <211> 7  
 <212> PRT  
 <213> Alanine with a 16 carbon alkyl chain attached  
 <400> 14

Ala Ala Ala Ala Gly Gly Gly  
 1 5

<210> 15  
 <211> 7  
 <212> PRT  
 <213> Serine with a 16 carbon alkyl chain attached  
 <400> 15

Ser Leu Ser Leu Gly Gly Gly  
 1 5

<210> 16  
 <211> 7  
 <212> PRT  
 <213> Cystein with a 16 carbon alkyl chain attached

&lt;400&gt; 16

Cys Cys Cys Cys Gly Gly Gly  
1 5

&lt;210&gt; 17

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Cystein with a 16 carbon alkyl chain attached

&lt;400&gt; 17

Ala Ala Ala Ala Gly Gly Gly  
1 5

&lt;210&gt; 18

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Serine with a 16 carbon alkyl chain attached

&lt;400&gt; 18

Ser Leu Ser Leu Gly Gly Gly  
1 5

&lt;210&gt; 19

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Cystein with a 16 carbon alkyl chain attached

&lt;400&gt; 19

Cys Cys Cys Cys Gly Gly Gly  
1 5

&lt;210&gt; 20

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Alanine with a 16 carbon alkyl chain attached

&lt;400&gt; 20

Ala Ala Ala Ala Gly Gly Gly  
1 5

&lt;210&gt; 21

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Serine with a 16 carbon alkyl chain attached

&lt;400&gt; 21

Ser Leu Ser Leu Gly Gly Gly  
1 5

&lt;210&gt; 22

&lt;211&gt; 7

<212> PRT

<213> x is 2,3-diaminopropionic acid

<220>

<221> misc\_feature

<222> (5)..(7)

<223> Xaa can be any naturally occurring amino acid

<400> 22

Ser Leu Ser Leu Xaa Xaa Xaa

1

5